

# Flight Safety Foundation IASS 2018 PROGRAM

Last updated November 11, 2018

## Sunday, November 11

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1400 – 1800  
Ballroom C – D foyer

**Registration and Information Desk Open**  
Pickup your registration materials here and get answers to all your questions

1700 – 1730  
Aspen

**Speaker Meeting (Day 1)**

## Monday, November 12

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0730 – 1700  
Ballroom Foyer

**Registration and Information Desk Open**  
Pickup your registration materials here and get answers to all your questions

0730 – 0830  
Ballroom C – D  
Sponsored by Aireon

**Breakfast with Exhibitors**  
Join us for breakfast and networking before the day begins

0830 – 0850  
Ballroom A – B  
Sponsored by Airbus

**Welcoming Remarks**  
Where have we come from and where are we going in safety and technology, where the foundation is putting its energy and what the industry is using to advance its capability.

**Speakers:**

Mr. Mark Millam, Master of Ceremonies and Vice President, Technical, Flight Safety Foundation  
Mr. Jon Beatty, President & CEO, Flight Safety Foundation  
Mr. John Hamilton, VP Engineering, The Boeing Company, Chairman, Board of Governors, Flight Safety Foundation

0850 – 0930  
Ballroom A – B  
Sponsored by Airbus

**Opening Keynote**

**Speaker:**

Dr. Greg Hyslop, Chief Technology Officer, The Boeing Company

0930 – 1000  
Ballroom A – B  
Sponsored by Airbus

**Session I – Safety Performance – State of the World**  
State of the World on Safety Performance and how we are keeping the safety performance hazard and risk information protected from being used in punitive manner.

**Session Moderator:** Capt. Bill Curtis – FSF International Advisory Committee Chair

0930 – 1000 Aviation Safety 2018 – Successes and Challenges

**Speaker:**

Mr. James Burin, Flight Safety Foundation Fellow

1000 – 1030  
Ballroom C – D

**Morning Business Break**

1030 – 1200  
Ballroom A – B  
Sponsored by Airbus

**Session I – Safety Performance – State of the World (continued)**

1030 – 1100 Global Safety Report – International Air Transport Association (IATA)

**Speaker:**

Mr. Rudy Quevedo, Director of Safety, IATA

1100 – 1200 Information Protection – Litigation Perspective

**Panel moderator:**

Mr. Kenneth Quinn, Partner, Baker & McKenzie LLP

**Panelists:**

Dr. Jonathan Aleck, Executive Manager, Legal and Regulatory Affairs, CASA, Australia  
Mr. Steven C. Marks, Partner, Podhurst Orseck P.A.

1200 – 1210  
Ballroom A – B  
Sponsored by Airbus

## FSF Board of Governors Recognition

1210 – 1330  
Ballroom C – D  
Sponsored by Rolls Royce PLC

## Lunch

1330 – 1500  
Ballroom A – B  
Sponsored by Airbus

## Session II – Achieving One Level of Safety

Achieving One Level of Safety across the airspace and operations. Examining the challenges of similar performance between Cargo and Passenger Operations, integrating UAS within the airspace and achieving the performance levels for exceeding expectations.

**Session Moderator:** Mr. Mark Millam, Master of Ceremonies and Vice President, Technical, Flight Safety Foundation

1330 – 1400 Passenger and Cargo Operations... What's the Difference?

**Speaker:**

Capt. Richard Hughey, Chair, President's Committee for Cargo, ALPA

1400 – 1430 Basic Aviation Risk Standard (BARS) Program

**Speaker:**

Mr. David Anderson, Managing Director, BARS Program, Flight Safety Foundation

1430 – 1500 Autonomous and Remotely Piloted Vehicles in our Airspace: IFR, VFR, or Something Else?

**Speaker:**

Dr. Sheila Conway, Technical Fellow, The Boeing Company

1500 – 1510  
Ballroom A – B

## FSF/Airbus Human Factors Award

1510 – 1540  
Ballroom C – D  
Sponsored by Rolls Royce PLC

## Afternoon Business Break

1540 – 1630  
Ballroom A – B  
Sponsored by Airbus

## Session III – Safety as a Steady Investment

Return on Safety Investments – We all must spend money wisely and get the best return on our investments in safety. Where do we turn to understand short term and long-term gains?

**Session Moderator:** Mr. Steve Doyle – The Presage Group

1540– 1630 Safety Costs as an Investment

**Panelists:**

Mr. John Brogan, President & CEO, USAIG

Mr. Tim Boland, Senior Vice President, Underwriting, Global Aerospace

Mr. Eduardo Dueri, Managing Director, JLT Aerospace, Latin America

1630 – 1640  
Ballroom A – B

## Laura Tabor Barbour Award

1640 – 1715

## Speaker Meeting (Day 2)

Ballroom A – B

1715 – 1800

## Welcome Reception bus loading

Sponsored by The Boeing Company

1845 – 2230

## Welcome Reception at the Museum of Flight

Sponsored by The Boeing Company

The Museum of Flight is the largest independent, non-profit air and space museum in the world! Join us as we dine with 175 aircraft and spacecraft, tens of thousands of artifacts, millions of rare photographs, dozens of exhibits and experiences and a world-class library. The Museum and its people bring mankind's incredible history of flight to life.

## Tuesday, November 13

0730 – 1700

Ballroom Foyer

### Registration and Information Desk Open

Pickup your registration materials here and get answers to all your questions

0730 – 0830

Ballroom C – D

### Breakfast with Exhibitors

Join us for breakfast and networking before the day begins

0830 – 0900

Ballroom A – B

### Day 2 Keynote

0830 – 0900 Leveraging Technology to Training Tomorrow's Aviation Safety Professionals

**Speaker:**

Dr. Kenneth Witcher, Dean, College of Aeronautics, Embry-Riddle Aeronautical University

0900 – 1000

Ballroom A – B

Sponsored by Embraer

### Session IV – Technology in Safety and Training

Technology in Safety and Training our Pilots for the best results in Operations, from eye tracking to EBT efforts

**Session Moderator:** Mr. Sean Cassidy – FSF International Advisory Committee Member

Flight Operations Breakout  
Track

0900 – 0930 Eyes are Never Quiet – Towards Eye Tracking as a Practical Training Tool

**Speakers:**

Capt. Mark Cameron, Pilot, Emirates Airlines

Mr. Patrick Nolan, General Manager, Aviation, Seeing Machines

0930 – 1000 Evidence Based Training - EBT + ABLE = True Tailored Training

**Speaker:**

Capt. Andy Mitchell, CEO, Use Before Flight

0830 – 1000

Willow

Sponsored by Embraer

### Session IV – Maintenance and Engineering Breakout Track

**Session Moderator:** Mr. Joe Barclay – FSF Maintenance Advisory Committee Member

Maintenance and Engineering  
Breakout Track

0830 – 1000 Integration of Human Factors into Maintenance Safety Management

**Panelists:**

Dr. Bill Johnson, Chief Scientific and Technical Advisor, Human Factors in Aircraft Maintenance Systems, Federal Aviation Administration

Mr. D. Smith, Aviation Safety Division Manager, U.S. Department of Transportation, Transportation Safety Institute

Mr. Douglas Neufeldt, Manager, SMS and Regulatory Programs, United Airlines

1000 - 1030

Ballroom C – D

Sponsored by ALPA Int'l

### Morning Business Break

1030 – 1200

Ballroom A – B

Sponsored by Embraer

### Session V – Operational Risks and Hazards

Operational Risks and Hazards we can face or we all must handle day in and out.

**Session Moderator:** Capt. Steve Jangelis – ALPA International Air Safety Organization

Flight Operations Breakout  
Track

1030 – 1100 Little Error, Big Risk: SFO Risk of Runway Overrun on Takeoff

**Speaker:**

Capt. Neil Raaz, Sr. Manager Flight Safety Assurance and Compliance, FOQA Program Manager, American Airlines

1100 – 1130 Non-Precision Approach Challenges (The JFK Canarsie)

**Speaker:**

Capt. Joe DeVito, Technical Pilot, Special Projects, JetBlue

1130 – 1200 Strategic Investments in Fatigue Management

**Speakers:**

Mr. Matt Humlie, Manager, Flight Operations Quality Management (retired), Alaska Airlines

Capt. Matthew Kalouner, Human Factors Working Group, Alaska Airlines

Dr. Daniel Mollicone, CEO, Pulsar Informatics

1030 – 1200

Willow

Sponsored by Embraer

Maintenance and Engineering  
Breakout Track

## Session V – Maintenance and Engineering Breakout Track

**Session Moderator:** Mr. Joe Barclay – FSF Maintenance Advisory Committee Member

1030 – 1100 Continued Operational Safety

**Speaker:**

Mr. Gregory Borsari, Aviation Accident Investigator, Maintenance, National Transportation Safety Board

1100 – 1200 Maintenance Line Operations Safety Assessment (M-LOSA) Program

**Panelists:**

Dr. Maggie Ma, Associate Technical Fellow, The Boeing Company

Ms. Christine Zylawski, FRAEs, Head of Regulatory Compliance, MLOSA Expert, Air France

Mr. Li Chen, Safety and Quality Department, China Eastern Airlines

Ms. Lisa Crocket, Sr. Manager, Ground Safety Data & LOSA, United Airlines

1200 – 1330

Ballroom C – D

## Lunch

1330 – 1500

Ballroom A – B

Sponsored by Embraer

## Session VI – Continuing Investigation Role

The accident investigation results still contribute to safety despite the industry's excellent performance. Ideas about continued operational safety, 20 years after Swiss air accident and its impact on today's safety, technology in aviation accidents – friend or foe?

**Session Moderator:** Mr. Frank Hilldrup – FSF International Advisory Committee Member

1330 – 1410 Twenty Years After Swissair: One Accident's Impact on Aviation

**Speaker:**

Ms. Kathy Fox, Chair, Transportation Safety Board of Canada

1410 – 1430 Air Safety Investigations

**Speaker:**

Mr. Jon Wandless, Director of Airworthiness and Quality, Civil Aerospace, Rolls-Royce

1430 – 1500 Technology in Aviation Accidents – Friend and Foe

**Speaker:**

Dr. Katherine A. Wilson, Senior Human Performance Investigator, National Transportation Safety Board

1500 – 1530

Ballroom C – D

## Afternoon Business Break

1530 – 1700

Ballroom A – B

Sponsored by Embraer

## Session VII – Airport Surface Issues

Runway safety includes both lining up and using the correct surfaces at the right time & the successful landings and takeoff operations. While it doesn't happen often we need to safeguard against the landing or taking off in the wrong place OR not stopping when and where we need to. The incidents that have almost created an accident are as important to learn from as the accidents.

**Session Moderator:** Mr. Ratan Khatwa – FSF International Advisory Committee Member

1530 – 1700 Wrong Surface Landings in Aviation

**Panelists:**

Mr. James Fee, Manager, Runway Safety Group, Federal Aviation Administration

Capt. Steve Jangelis, Aviation Safety Chairman, ALPA International Air Safety Organization

Mr. Khalil Elia Kodsji, P.E., Manager, Airport Engineering Division, Federal Aviation Administration

Dr. Sathya Silva, Human Performance Investigator, National Transportation Safety Board

Capt. Patrick Kalist, Director of Flight Safety, Air Canada

1700 – 1730

Ballroom A – B

1700 – 1800

Ballroom C – D

Sponsored by Rolls Royce PLC

## Speaker Meeting (Day 3)

## Networking Reception in the Exhibit Hall

## Wednesday, November 14

0730 – 1700

Ballroom Foyer

### Registration and Information Desk Open

Pickup your registration materials here and get answers to all your questions

0730 – 0830

Ballroom C – D

Sponsored by USC Viterbi  
School of Engineering

### Breakfast with Exhibitors

Join us for breakfast and networking before the day begins

0830 – 1000

Ballroom A – B

Sponsored by GE Aviation

### Session VIII – Studies in Safety: From Error to the Future

Taking a closer look behind the scenes on operations. Little Error, Big Risk: SFO Risk of Runway Overrun on Takeoff from Airport runway analysis and FOQA experiences, Advancing and Assessing Pilot Competencies with Mid-Fidelity Simulation, How will Pilots and Future Systems Interact?

**Session Moderator:** Mr. Harry Nelson – FSF International Advisory Committee Vice Chair

0830 – 0900 Introduction to Ice Crystal Icing

**Speaker:**

Ms. Melissa Bravin, Propulsion Operability Engineer, AR, Boeing Commercial Airplanes, The Boeing Company

0900 – 0930 Mid Fidelity Simulation - Expanding Experience into Expertise

**Speaker:**

Capt. Mark Cameron, Pilot, Emirates Airlines

0930 – 1000 How will Pilots and Future Systems Interact? – Automation, Autonomy, and Artificial Intelligence: Lessons Learned and Considerations for Future Aviation Systems

**Speaker:**

Dr. Kathy Abbott, Chief Scientific and Technical Advisor, Flight Deck Human Factors, Federal Aviation Administration  
Dr. Sylvain Hourlier, MD MSc, Human Factors Senior Expert, Thales Avionics

1000 – 1030

Ballroom C – D

Sponsored by United Airlines

### Morning Business Break

1030 – 1200

Ballroom A – B

Sponsored by GE Aviation

### Session IX – Knowledge Building and Retention

Industry Knowledge Building between stakeholders – Common Aviation Risk Models – An International Collaboration to Share Risk Knowledge, FSF safety knowledge management activities, FSF Global Safety Information Project/Program

**Session Moderator:** Capt. Mark Burtonwood – FSF International Advisory Committee Member

1030 – 1100 Common Aviation Risk Models – An International Collaboration to Share Risk Knowledge

**Speaker:**

Mr. Bob Dodd, Senior Director, Risk Management, The Aloft Group

1100 – 1130 Flight Safety Foundation Safety Knowledge Management Activities

**Speakers:**

Mr. Tzvetomir Blajev, Operational Safety Coordinator, Eurocontrol, Moderator, FSF European Advisory Committee  
Capt. Ed Pooley, Principal Consultant, The Air Safety Consultancy

1130 – 1200 Global Safety Information Project (GSIP)

**Speaker:**

Mr. Mark Millam, Vice President, Technical, Flight Safety Foundation

1200 – 1210

Ballroom A – B

Sponsored by Airbus

### IASS 2019 Host Sponsor Announcement

1210 – 1330

Ballroom C – D

Sponsored by China Aviation  
Development Foundation

### Lunch

1330 – 1500

Ballroom A – B

Sponsored by GE Aviation

### Session X – Data Analytics and Sharing

Data Analytics and Sharing, Harnessing data analytics to discover risks threatening future operations and design mitigation plans, Data Sharing: Beyond ASAP and FOQA, Safety Performance and Analytics

**Session Moderator:** Mr. David Mawdsley – FSF International Advisory Committee Member

1330 – 1400 Harnessing Data Analytics to Discover Risks Threatening Future Operations and Design Mitigation Plans

**Speaker:**

Mr. Panayiotis (Panos) Nicolaou, Product Manager, Safety Analytics, R<sup>2</sup> Data Labs

1400 – 1430 Data Sharing: Beyond ASAP and FOQA

**Speaker:**

Capt. Steve Jangelis, Aviation Safety Chairman, ALPA International Air Safety Organization

1430 – 1500 Safety Performance and Analytics

**Speaker:**

Mr. Wallace Feerrar, Program Manager, Center for Advanced Aviation System Development, MITRE Corporation

1500 – 1530

Ballroom C – D

### Afternoon Business Break

1530 – 1645

Ballroom A – B

Sponsored by GE Aviation

### Session XI – Fatigue Issues, Human Factors, and Safety Culture

Fatigue, Human Factors, and Managing Safety Culture – knowing how normal behaviors can be predictable across the population of pilots and other staff. Programs that respect the individual's integrity and capability will help to bring out the best performance

**Session Moderator:** Mr. George Hodgson – FSF International Advisory Committee Member

1530 – 1600 Collaboration

**Speaker:**

Mr. Dai Whittingham, Chief Executive, UK Flight Safety Committee

1600 – 1630 Just Culture for a Positive Safety Culture. Can a Toolkit Approach Really Work?

**Speaker:**

Mr. Ross Priday, Business Development Manager, Baines Simmons

1630 – 1645 Controlled Rest – Fatigue Countermeasures Group Report

**Speaker:**

Mr. Brad Favors, Manager, Fatigue and Human Performance, Southwest Airlines

1645 – 1700

Ballroom A – B

### Closing Remarks